PTO-1390 (Rev. 10-2004)

Approved for use Ihrough 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | ISMITTAL LETTER TO | ATTTORNEY'S DOCKET NUMBER | | | | | | |
|---|---|---|---|--|--|--|--|--|
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | | | | |
| INTERNATIO | NAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED | | | | | |
| TITLE OF INVENTION | | | | | | | | |
| APPLICANT(S) FOR DO/EO/US | | | | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | | |
| 1. 🖾 This | 1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | |
| 2. This | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | |
| | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | |
| 4. 🔀 The | The US has been elected (Article 31). | | | | | | | |
| 5. 🔀 A | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | | | |
| a. | a. is attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| b. | b. has been communicated by the international Bureau. | | | | | | | |
| с. | is not required, as the applic | cation was filed in the United States Receiving | ing Office (RO/US). | | | | | |
| 6. | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. I is attached hereto. Original Application in English. | | | | | | | |
| b. | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | |
| 7. 🔯 An | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | | | | |
| | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| b. | | | | | | | | |
| c. | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | |
| d. | d. An have not been made and will not be made. | | | | | | | |
| 8. 🔲 Ar | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | |
| 9. 🔀 An | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | | |
| 10. An | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | | | |
| Items 11 t | 20 below concern document(s) | or information included: | | | | | | |
| 11. An | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | | | | | |
| | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | |
| 13. 🔀 A p | A preliminary amendment. | | | | | | | |
| 14. An | An Application Data Sheet under 37 CFR 1.76. | | | | | | | |
| | A substitute specification. | | | | | | | |
| , | A power of attorney and/or change of address letter. | | | | | | | |
| 1 1 | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. | | | | | | | |
| [] | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | | |
| | A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). | | | | | | | |
| 20. Othe | Other items or information: | | | | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Page 1 of 2 Page 1 of 2

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. | | | | ATTORNEY'S DOCKET NUMBER | | | | | |
|--|---|------------------------|-----------|--------------------------|--------------|--|--|--|--|
| 21. The following | g fees are submitted: | | | CALCULATIONS | PTO USE ONLY | | | | |
| · \ | E (CFR 1.492(a)(1)-(5)): | | | | | | | | |
| Neither international pr | reliminary examination fee (37 h fee (37 CFR 1.445(a)(2)) pai ch Report not prepared by the | | | | | | | | |
| | ry examination fee (37 CFR 1, nal Search Report prepared by | | | | | | | | |
| | ry examination fee (37 CFR 1. h fee (37 CFR 1.445(a)(2)) pai | | | | | | | | |
| International preliminal but all claims did not si | ry examination fee (37 CFR 1. atisfy provisions of PCT Article | | | | | | | | |
| and all claims satisfied | ry examination fee (37 CFR 1. provisions of PCT Article 33(ENTER APPROPRIATE | s 100 | 00 | | | | | | |
| | for furnishing the oath or decla ed priority date (37 CFR 1.492 | s 0 | 00 | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | S | | | | | |
| Total claims | 36 -20= | 16 | X \$18.00 | s 288 | 0 0 | | | | |
| Independent claims | 7 .3= | 4 | X \$88.00 | s 352 | 00 | | | | |
| MULTIPLE DEPENDE | NT CLAIM(S) (if applicable) | + \$300.00 | s O | | | | | | |
| Applicant claims | small entity status. See 37 CF | OTAL OF ABOVE CA | | \$ 740 \$ | 0 0 | | | | |
| Applicant claims by 1/2. | small entity status. See 37 CF | 3.70 | 0 0 | | | | | | |
| | | s 3:70 | 00 | | | | | | |
| Processing fee of \$130 claimed priority date (3 | 1.00 for furnishing the English t 7 CFR 1.492(f)). | s 0 | 00 | | | | | | |
| | | s 370 | 00 | | | | | | |
| | nclosed assignment (37 CFR r sheet (37 CFR 3.28, 3.31). \$ | s 40 | 00 | | | | | | |
| | | s 410 | 00 | | | | | | |
| | | Amount to be refunded: | s | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | Amount to be charged: | s | | | | | | |
| a. A check in the amount of \$ to cover the above fees is enclosed. | | | | | | | | | |
| b. A duplicate copy of this sheet is enclosed. Description of S 410.66 to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | | | |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overnay most to Decesit | | | | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become qubits. Credit card information should not | | | | | | | | | |
| be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | | |
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